PIRECTOR, U.S. PATENT AND TRADEMARK

VASHINGTON, DC 20231

ansmitted herewith for filing is the patent application of:

I HEREBY CERTIFY THIS PAPER OR FEE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED BELOW AND IS ADDRESSED TO: MAILSTOP PATENT APPLICATION, COMMISSIONER FOR PATENTS, PO BOX 1450, ALEXANDRIA, VA 22313-1450.

XPRESS MAIL NO.:	EV 322683548 US

DATE OF DEPOSIT: July 15, 2003

NAME: Kristen Ferguson

SIGNATURE:

Inventors:

Matthew A. KLIESNER; Timothy G. MESTER; Eric M. RIVES

For:

DIGITAL CLOCK RECOVERY CIRCUIT EMPLOYING FIXED CLOCK OSCILLATOR DRIVING FRACTIONAL DELAY LINE

Please note the following:

Patent Application: 20 pages, 15 claims.

1_ sheet(s) of drawings.
The suggested drawing figure to be published is FIG. 2_

A declaration and power of attorney. Citation Under 37 CFR 1.97 and PTO-1449.

Applicant qualifies as a small entity under 37 CFR § 1.27.

Assignee info:

ADTRAN, INC Name:

Address: 901 EXPLORER BLVD., HUNTSVILLE, AL 35806

State of Incorporation: DELAWARE

[] Applicant claims priority benefit to the following foreign application(s):

Country:

Application No.:

Filing Date:
Applicant claims priority benefit to the following U.S. application(s): []

Application No.: Filing Date:

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	SMALL ENTITY			LARGE ENTITY	
FOR:	# FILED		# EXTRA	RATE	FEE		RATE	FEE
BASIC FEE					\$ 375	<u>OR</u>		\$ 750
TOTAL CLAIMS	15	-20		X 9	\$	<u>OR</u> -	X 18	\$
INDEP CLAIMS	3	- 3		X 42	\$	<u>OR</u>	X 84	\$
* If the difference in Col. 1 is less than "0", enter "0" in Col. 2.		TOTAL	\$		TOTAL	\$ 750		

- [X] Authorization is given to charge the Filing Fee in the amount of \$750.00 to Deposit Account 01-0484.
- [X] Authorization is given to charge the Assignment Recordal Fee in the amount of \$40.00 to Deposit Account: 01-0484.
- [X] The Commissioner is authorized to charge or credit any discrepancies in fee amounts to Deposit Account No. 01-0484.
- PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD: CHARLES E. WANDS [X]
- Please associate this application with Customer No. **27975**. [X]

Telephone: (321) 725-4760

July 15, 2003

CHARLES E. WANDS Reg. No. 25,649